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(54) Title: **SYNTHETIC PEPTIDES IMMUNOREACTIVE WITH HEPATITIS A VIRUS ANTIBODIES**

(57) Abstract: Synthetic peptides immunoreactive with hepatitis A virus (HAV) antibodies are provided. The peptides are useful as laboratory reagents to detect or quantify HAV antibodies in biological samples in clinical or research-based assays and for inducing an immune response to HAV when administered to a human or animal. The peptides contain antigenic epitopes, modified antigenic epitopes or combinations of epitopes of the major structural capsid polypeptides or non-structural polypeptides of HAV and contain one or more molecules of the amino acid glutamine (Q) at the carboxyl end of the peptide, which enhances immunoreactivity and immunogenicity, particularly IgM antibody reactivity.

WO 01/05824 A2